	rtment o	of Commerce, Patent	and Trademark	Atty. Docket No.			Application No.		
INFORM	ATION	DISCLOSURE STA	TEMENT BY	TNCR.188US0 (for	TNCR.188US0 (formerly M-10699 US)			09/671,715	
		APPLICANT		Applicant(s)			Conf. No.		
	(Use se	veral sheets if necess	sary)	Anatoly FABRIKANT et al.			6087		
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JUN 172	mos u		U.S. P	atent Documents				·	
Examiner Noted	005 2	Document Number	Date	Name	Class	Subclass	Filing I		
CHARL	Al	6,768,967 B2	07/27/2004	JOHNSON et al.	702	179			
2/	A2	6,097,488	08/01/2000	GREK et al.	356	364			
RC	A3	5,739,909	04/14/1998	BLAYO et al.	356	369			
Ž	A4	5,751,427	05/12/1998	DE GROOT	356	358			
20	A5	6,268,.916 B1	07/31/2001	LEE et al.	356	364			
RE	_ A6	5,900,939	05/04/1999	ASPNES et al.	356	369			
RR	A7	5,978,074	11/02/1999	OPSAL et al.	356	72			
			J.S. Published Pa	tent Application Docu	ments				
*Examiner . Initial		Document Number	Date	Name	Class	Subclass	Filing I If Appro		
			Foreign	Patent Documents					
								Translatio	
	T	Document	Date	Country	Class	Subclass	Yes	N	
		Document	Date	Country	Class	Subclass	Yes	N	
				Country thor, Title, Date, Perti			Yes	N	
	D1	OTHER AI	RT (Including Au		nent Pages, I	Etc.)			
SC.	D1 D2	OTHER AI US Provisional App LI, "Formulation an	RT (Including Au oln. No. 60/224,45 d Comparison of	thor, Title, Date, Perti	nent Pages, I	Etc.) ., cited in USP	6,768,967, 2	8 pgs	
SC.		OTHER AI US Provisional App LI, "Formulation an Gratings", J. Opt. S	oln. No. 60/224,45 ad Comparison of Goc. Am. A/Vol. 1	thor, Title, Date, Perti 1, filed 08/10/2000, to S Two Recursive Matrix A	nent Pages, I	Etc.) ., cited in USP Modeling Lay	6,768,967, 2 yered Diffrac	tion	
\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	D2	OTHER AI US Provisional App LI, "Formulation an Gratings", J. Opt. S International Search	oln. No. 60/224,45 ad Comparison of Soc. Am. A/Vol. 1	thor, Title, Date, Perti 1, filed 08/10/2000, to S I'wo Recursive Matrix A 3, No. 5 / May 1996, pp	nent Pages, ETANKE et al Algorithms for 1024-1035.	Etc.) ., cited in USP Modeling Lay	6,768,967, 2 yered Diffrac /21/01, 4 pag	28 pgs	
\$\\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	D2	OTHER AI US Provisional App LI, "Formulation an Gratings", J. Opt. S International Search Written Opinion fro	oln. No. 60/224,45 ad Comparison of Soc. Am. A/Vol. 1. Report from corresponding	thor, Title, Date, Perti 1, filed 08/10/2000, to S I'wo Recursive Matrix A 3, No. 5 / May 1996, pp esponding PCT Appln.	nent Pages, I STANKE et al Algorithms for 1024-1035. PCT/US01/30/30063, dated	Etc.) ., cited in USP Modeling Lay 0063, dated 12 9/18/2002, 5	6,768,967, 2 yered Diffrac /21/01, 4 pagpages.	28 pgs tion ges.	
\$\\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	D2 D3 D4	OTHER AI US Provisional App LI, "Formulation an Gratings", J. Opt. S International Search Written Opinion fro	RT (Including Au oln. No. 60/224,45 ad Comparison of oc. Am. A/Vol. 1 a Report from corr am corresponding ainary Examination	thor, Title, Date, Perti 1, filed 08/10/2000, to S Two Recursive Matrix A 3, No. 5 / May 1996, pp esponding PCT Appln. PCT Appln. PCT/US01 1 Report from correspon	nent Pages, I STANKE et al Algorithms for 1024-1035. PCT/US01/30/30063, dated	Etc.) ., cited in USP Modeling Lay 0063, dated 12 9/18/2002, 5	6,768,967, 2 yered Diffrac /21/01, 4 pagpages.	28 pgs tion ges.	
SC. SC. SC. Examiner	D2 D3 D4 D5	OTHER AI US Provisional App LI, "Formulation an Gratings", J. Opt. S International Search Written Opinion fro International Prelim 1/16/2003, 6 pages.	RT (Including Au oln. No. 60/224,45 ad Comparison of oc. Am. A/Vol. 1 a Report from corr am corresponding ainary Examination	thor, Title, Date, Perti 1, filed 08/10/2000, to S Two Recursive Matrix A 3, No. 5 / May 1996, pp esponding PCT Appln. PCT Appln. PCT/US01 a Report from correspondance of the portion of the porti	nent Pages, I STANKE et al Algorithms for 1024-1035. PCT/US01/30/30063, dated	Etc.) ., cited in USP Modeling Lay 20063, dated 12 9/18/2002, 5 20pln. PCT/USO	6,768,967, 2 yered Diffrac /21/01, 4 pagpages.	28 pgs tion ges.	

U.S. Department of Commerce, Patent and Trademark				Atty. Docket No.			Application No.				
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						<u> </u>	<u></u>	<u> </u>			
				thor, Title, Date, Perti							
8	. D7	BLAYO et al., "Ultraviolet-Visible Ellipsometry for Process Control During the Etching of Submicrometer Features" J. Opt. Soc. Am. A., vol. 12, No. 3, Mar. 1995, pp. 591-599.									
8	D8	SCHRAMM et al., "Algorithm Implementation and Techniques for Providing More Reliable Overlay Measurements and Better Tracking of the Shallow Trench Isolation (STI) Process", SPIE: Conference on Metrology, Inspection, and Process Control of Microlithography XIII., Mar. 1999, pp. 116-122.									
51	D9	MOHARAM, "Coupled-Wave Analysis of Two-Dimensional Dielectric Gratings", SPIE: Vol. 883, Holographic Optics: Design and Applications (1988), pp. 8-11.									
286	D10	International Application Pub. No. WO02/50501 A1, published with International Search Report on June 27, 2002.									
86	D11		MOHARAM et al., "Formulation for Stable and Efficient Implementation of the Rigorous Coupled-Wave Analysis of Binary Gratings", J. Opt. Soc. Am. A./Vol. 12, No. 5, May 1995, pp. 1068-1076.								
Examiner	<u> </u>	25	Date Considered	12/96	705						
*EXAMINER citation if not	R: Initial	l if reference considere	ed, whether or not idered. Include co	t citation is in conformatopy of this form with you	nce with MPI our communic	EP 609; Draw lation to applica	ine through				